

EUROPE REGIONAL MEDICAL COMMAND



## *SMART MC<sup>3</sup>T Team*

*Special Medical Augmentation Response Team  
(SMART)*

*Medical Command Control &  
Communications Telemedicine  
(MC<sup>3</sup>T)*

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## EUROPE REGIONAL MEDICAL COMMAND

### *Special Medical Augmentation Response Team (SMART MC3T)*



# Team Composition

<b>1 Chief Medical Officer (AOC 60-62) Team Leader</b>	<b>1 Operations Officer (AOC 70D/H)</b>	<b>1 Medical NCO (MOS 91B)</b>
<b>1 Practical Nurse (MOS 91C)</b>	<b>1 Information Systems Analyst/Operator (MOS 25R/74B)</b>	<b>1 Communications Specialist (MOS 31S/U)</b>

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### ***Facts and Figures***



- Readily Deployable
- 48 hour on site response time
- 175 lbs For the complete set



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#### ***Mission***

- Initial on-scene medical incident assessment
- Adds Basic man-portable communications
- Provides world-class telemedicine augmentation
- Communicates with local authorities



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## **CONTINGENCY OPERATIONS**

- Issue warning order within 12 hrs of notification
- Deploy within 12 hrs
- Equipment checked as baggage in commercial airliner



Tokyo subway CW attack, 1995





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## Current Equipment

- **Digital camera** - Sony DKC-ID1

- 7" x 5" x 2.5"; Under 2 lbs
- 724x582 Pixel Photos
- Stores up to 42 High Resolution or 158 Normal Photos

\$1,800-



- **Color scanner/printer** - Canon BJC-80

- 12.8" x 6.2" x 2.3"; 3 lbs
- 720x360 Dots Per Inch Resolution
- Prints 2 PPM Color; 5 PPM B&W

\$300-



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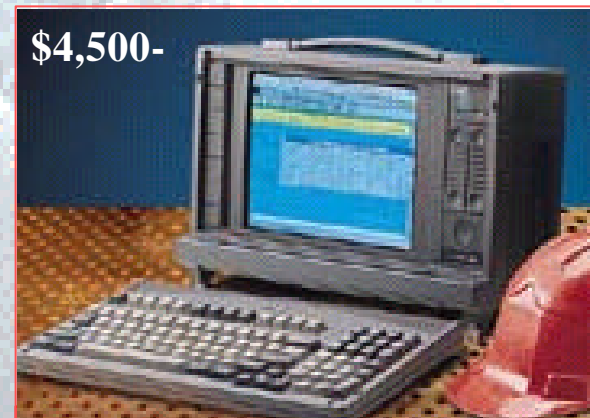
### *Special Medical Augmentation Response Team (SMART MC3T)*



## Current Equipment (cont)

### • “Lunch pail-Type” computer-BSi

- 17" x 10.5" x 7"; 18 lbs
- Video Tele-Conferencing Capable
- 300 MHz Processor; 64 MB RAM



### • 2 Laptop computers – Dell Inspiron

- 12.8" x 10.8" x 1.7"; 6.75 lbs
- 266 MHz Processor; 64 MB RAM
- 56 Kbps Modem & 10/100 LAN Card





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## Current Equipment (cont)

### • **INMARSAT B-terminal** - NERA

- 25" x 19" x 8.5"; 48 lbs
- Voice and 64 Kbps data capable
- Covers all Land Masses and Oceans except for Poles

### • **1 kW Gasoline generator** – Honda

- 16.9" x 15.4" x 11.4"; 57 lbs
- 1000 Watts of Power; 3.8 Hours per tank
- Tactical Quietness, only 64 dB running





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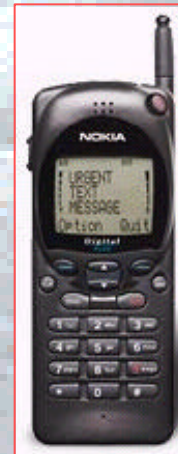
### *Special Medical Augmentation Response Team (SMART MC3T)*



## Current Equipment (cont)

- **2 Cell phones** - Nokia 2160i

- Analog/digital/IS-136
- Digital message mode



- **10 hand-held radios**

- Motorola XTS 3000 Model III (UHF version)
- Encryption/Analog/Digital Capable
- 255 channels
- Range: 5 miles (Optional repeater can extend to >30 miles).



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# VSAT Augmentation

- 72 hr - 1 wk deployment from Telemedicine and Advanced Technology Research Center (TATRC) or Landstuhl Regional Medical Center (LRMC)
  - 64 - 768 kbps data transfer rate
  - 2-4 phones
  - TCP/IP
  - Video Tele-Conferencing (VTC)



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## Summary

- Rapidly deploy and re-deploy
- Increase situational awareness-anytime, anywhere
- Provide real-time command and control
- Maintaining Standard of Care for all military
- Miniaturization will increase deployability
- Use will decrease need for on-the-ground medical presence

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## Relief Operations



Garry



Betty Press/Woodfin Camp/PNI



Lisa Rudy Hoke/Black Star



Howard Bluestein/Science Source/Photo Researchers, Inc.

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# EUROPE REGIONAL MEDICAL COMMAND

## Relief Operations



Betty Press/Woodfin Camp and Associates, Inc.



Betty Press/Woodfin Camp and Associates, Inc.



Scott Peterson/Liaison Agency



REUTERS/THE BETTMANN ARCHIVE



Chip Hires/L



Bob Krueger/Photo Researchers, Inc.

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